



# LOX-8<sup>®</sup> Grease

## PCTFE/PTFE Grease

### DESCRIPTION

**LOX-8 Grease**, a PCTFE/PTFE grease, is used where oxygen or harsh chemicals such as chlorine or powerful oxidizers are present. Providing superior performance as a lubricant and sealant, LOX-8 is stable from -400° F to +550° F. LOX-8 is certified for use in gaseous and liquid oxygen.

### TYPICAL APPLICATIONS

**Grease** applications include:

- greasing oxygen service bearings
- valves
- O-rings
- pumps and regulators
- fire-resistant grease



Nonfood Compounds  
H2  
NO FOOD CONTACT

NLGI: 1

### PROPERTIES

LOX-8 is specifically formulated for wet and dry conditions. It is non-migrating, remaining where it is applied. LOX-8 is ideal where repetitive assembly and disassembly are required. It is non-flammable, non-toxic, non-hardening, and is anti-galling with stainless steel.

### PACKAGING

Available sizes for LOX-8 Grease:

- 25 gram jar
- 100 gram jar
- 1 lb. jar
- 100 gram plunger\*

\* Applicator gun to fit plunger is also available.



### APPLICATION DETAILS

LOX-8 is the only grease that does it all. Apply liberally to a clean, dry surface. Fit and torque the matching piece.

### STORAGE/SHIPPING/HANDLING

No special handling required.

### HEALTH & SAFETY

LOX-8 is a very safe solvent-free product. Wash hands after use. Keep product out of eyes.



Applicator gun and plunger sold separately.

LOX-8 is also available in a paste thread sealant perfect for sealants threaded joints. It has the same properties as LOX-8 Grease and is oxygen-safe and impervious to harsh chemicals.

Thread Sealants    Tufoil<sup>®</sup> Technology    HinderRUST    Oxygen-Safe Greases & Pastes

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### LOX-8 GREASE is . . .

- ASTM G72-82  
ASTM G86
- Certified by BAM
- Chlorine Institute member  
*tested and accepted*  
(Pamphlet 164)
- Oxygen-compatible
- Anti-galling
- Anti-seizing
- Non-migrating
- Chemically Inert
- Waterproof
- Non-flammable
- Easy to apply
- Silicone free
- Hydrocarbon free
- Non-toxic
- Odorless
- NLGI: 1

### LOX-8 is compatible with many aggressive chemicals, including...

Acetylene	Hydrogen sulfide
Aluminum chloride	Hydroiodic acid
Ammonia	Hypochlorite solutions
Ammonium hydroxide	Iodine
Ammonium nitrate	Kerosene
Ammonium perchlorate	Methane (Biogas)
Anhydrous ammonia	Muriatic acid
Antimony trichloride	Natural gas (liquid & gaseous)
Argon	Nitric acid
Bicarbonate acid	Nitrogen
Boron trichloride	Nitrogen oxides (all)
Boron trifluoride	Nitrogen trifluoride
Bromine	Oleum
Bromine trifluoride (gaseous)	Oxygen (liquid & gaseous)
Calcium hypochlorite	Ozone
Carbon dioxide	Phosphoric acid
Chlorine	Potassium perchlorate
Chlorine trifluoride (gaseous)	Potassium persulfate
Chlorosilanes	Propane (liquid & gaseous)
Chlorosulfonic acid	Propylene oxide
Chromic acid	Silane
Chromyl nitrate	Silicone tetrachloride
Ethylene oxide	Sodium
Fuming nitric oxide	Sodium hydroxide (all concentrations)
Helium	Sodium hypochlorite
Hydrogen	Sodium peroxide
Hydrogen bromide	Sulfur trioxide
Helium	Sulfuric acid
Hydrochloric acid	Sulfur dioxide
Hydrofluorosilicic acid	Thionyl chloride
Hydrogen fluoride	Titanium tetrachloride
Hydrogen peroxide (all concentrations)	Uranium hexafluoride

### The chemistries found in LOX-8 are compatible with the following elastomers and plastics:

Cured epoxies	Polyvinyl alcohol
EPDM	Rigid PVC
Ethylene propylene rubber	Rigid CPVC
Fluoro-silicones	Teflon type plastics
Neoprene	Urethanes
Polycarbonates	Viton type plastics
Polyamides	

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